

1. Project Description

This portion of the project involves modifications to an existing traffic control signal at the intersection of MD 198 and Van Dusen Road in the town of Laurel, Prince Georges County, Maryland. Work efforts include removal of existing strain poles and associated span wire and span wire mounted traffic signal equipment that is in conflict with proposed roadway widening. New strain poles with associated span wire and span wire mounted signal equipment will be installed. Also included are the detectors, signal heads and signs for a proposed double left turn lane along eastbound MD 198. Loop detector amplifiers will be supplied and installed by SHA. Loop detectors will also be replaced at the MD 198/ Switzer Lane Intersection. Maryland Route 198 is assumed to run in an east-west direction.

2. Intersection Operation

The existing E/P left turn phasing along MD 198 will be changed to exclusive phasing. The existing split phasing along Van Dusen Road will be maintained.

EQUIPMENT LIST

A. Equipment to be Furnished by the Administration:

Quantity	Spec. Sect.	Description
2 EA	814	12' one-way three-section (RA,YA,GA) polycarbonate signal head with pole-mounting hardware
5 EA	813	R 3-5L sign "LEFT TURN ARROW" ONLY, 30" x 36", with span wire mounting hardware
2 EA	813	D 3-2 "Van Dusen Road", dual-faced 16" x Var., with span wire mounting hardware
2 EA		Two Channel Loop Detector Amplifier
6 EA	814	12' one-way three-section (R,Y,G) polycarbonate signal head with span wire mounting hardware
2 EA	814	12' one-way four-section (R,Y,G,GA) polycarbonate signal head, with span wire mounting hardware
2 EA	814	12' one-way three-section (RA,YA,GA) polycarbonate signal head, with span wire mounting hardware

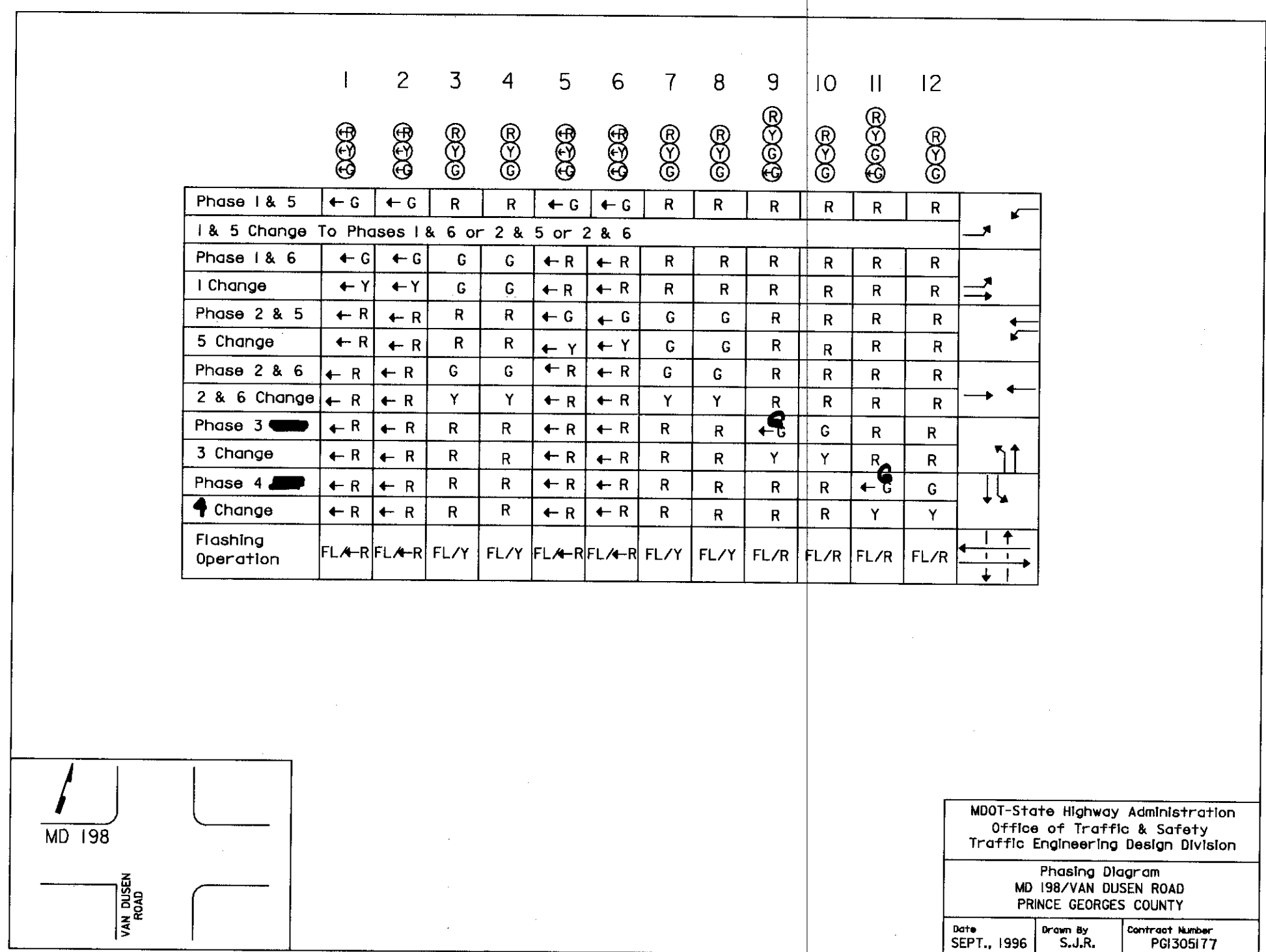
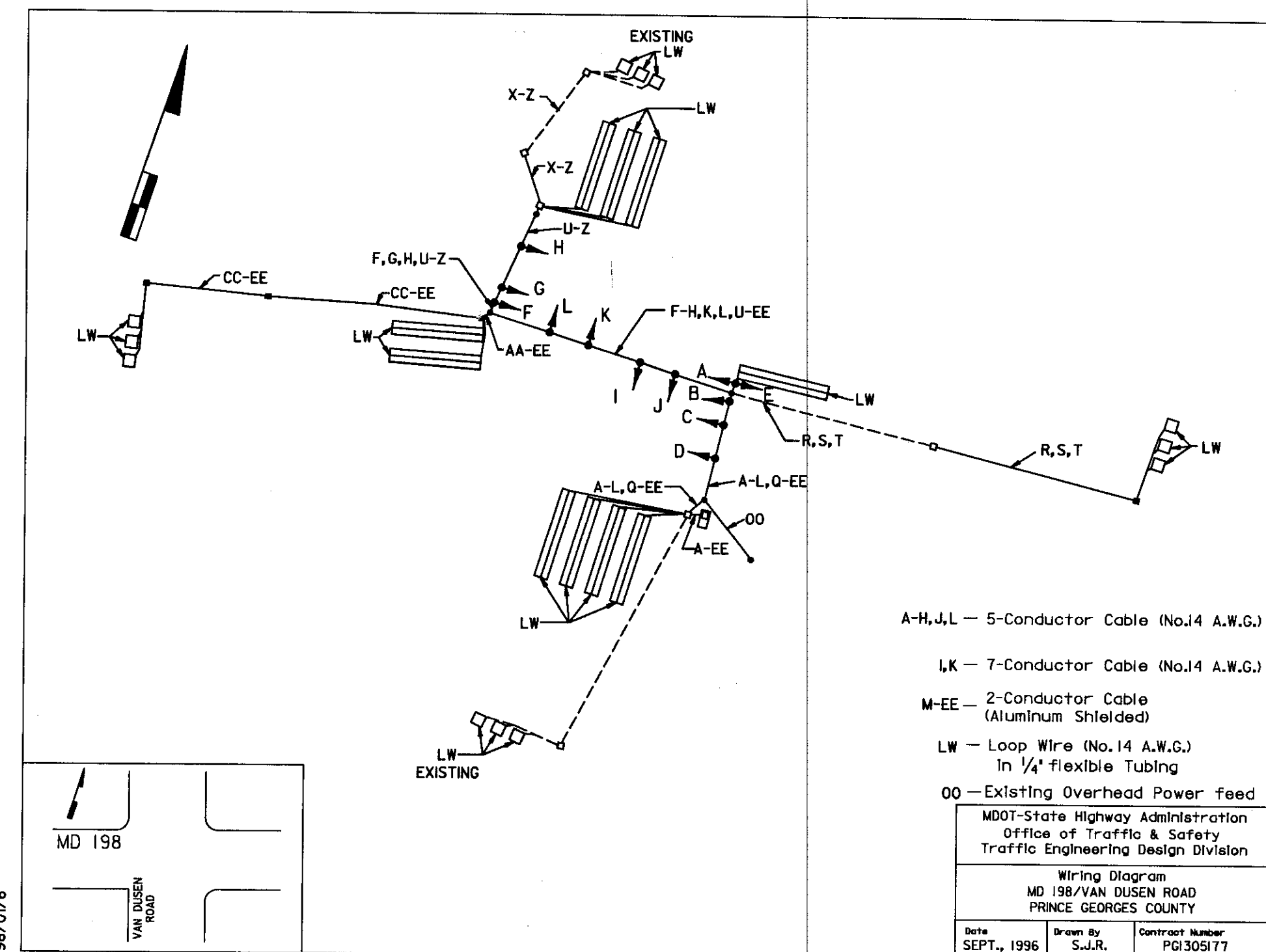
B. Equipment to be Furnished and/or Installed by the Contractor:

Quantity	Spec. Sect.	Description
645 LF	104	12" White preformed pavement marking tape
220 LF	104	24" White preformed pavement marking tape
2 EA	104	8" White "ONLY" pavement marking
4 EA	104	Pavement marking arrow left
220 LF	805	1" Electrical conduit - galvanized sleeve
2 EA	818	12" x 32' 2-ply Steel strain pole (Note: 4 - 2 1/4" x 96" anchor bolts)
12 EA	814	Install signal head any type
6 EA	811	Handhole
7 EA	813	Install overhead mounted signs
1 LS	807	Remove and dispose of existing equipment
10 CY	801	Concrete for strain pole foundation

B. Equipment to be Furnished and/or Installed by the Contractor (Cont.):

Quantity	Spec. Sect.	Description
7550 LF	810	Electrical cable - 2-conductor aluminum shielded (No.14 AWG)
2015 LF	810	Electrical cable - 5-conductor (No.14 AWG)
450 LF	810	Electrical cable - 7-conductor (No.14 AWG)
5065 LF	810	Loop wire - (No.14 AWG) - encased in flexible tubing
1780 LF	815	Install Sawcut
320 LF	819	Steel Span Wire - 3/8" Diameter
480 LF	805	2" Electrical conduit - PVC schedule 40 (trenched)

Special Note: The exclusive left-turn signal heads along Md. 198 will Flash during off-peak hours. The Signal Shop shall confirm the hours of Flashing Operation with the Assistant District Engineer of Traffic.



AS BUILT
JUN 3 1998

WHITNEY
BAILEY
COX
MAGNANI

REVISIONS	APPROVALS
1. 9-15-96 C. INSTALL NEW POLES IN EAST & WEST MEDIAN & DOUBLE LT. EB MD 198 PG1305177	NOTE: THIS IS A REVISION TO P-224X-375 DATED 6-18-92 ORIGINAL PLAN FILE
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD ROUTE 198 AND VAN DUSEN ROAD LOG MI. 16019802.19 DATE 6/18/71			
DRAWN BY: M. SCHNEIDER	F.A.P. NO. P 224X-375	PLAN SHEET NO. 242C	SHEET NO. 2 OF 2
CHECK BY: 1" = 20'	S.H.A. NO. PRINCE GEORGES		
SCALE:	COUNTY		